

Title (en)

METHODS AND APPARATUS FOR SUPPORT OF MT-SDT CONSIDERING CU-DU SPLIT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERSTÜTZUNG VON MT-SDT UNTER BERÜCKSICHTIGUNG DER CU-DU-SPALTUNG

Title (fr)

PRISE EN CHARGE DE MT-SDT EN CONSIDÉRATION DE LA DIVISION CU-DU

Publication

EP 4207844 A1 20230705 (EN)

Application

EP 22200650 A 20221010

Priority

KR 20220000378 A 20220103

Abstract (en)

A method and apparatus for support of Mobile-Terminated Small Data Transmission (MT-SDT) considering Central Unit (CU)-Distributed Unit (DU) split is provided. A receiving gNB receives a Radio Access Network (RAN) paging message from a last serving gNB. The RAN paging message includes an MT-SDT indication informing that a MT- SDT is supported. The receiving gNB transmits a Retrieve UE Context Request message to the last serving gNB based on an Inactive Radio Network Temporary Identity (I-RNTI). The Retrieve UE Context Request message includes information about a Downlink (DL) Transport Network Layer (TNL) address associated with the MT-SDT. The receiving gNB receives DL data associated with the MT-SDT from the last serving gNB based on the DL TNL address, and transmits the DL data to the UE.

IPC 8 full level

H04W 8/26 (2009.01); **H04W 68/00** (2009.01); **H04W 74/08** (2009.01); **H04W 88/02** (2009.01); **H04W 88/08** (2009.01)

CPC (source: EP KR US)

H04W 8/00 (2013.01 - EP); **H04W 68/00** (2013.01 - US); **H04W 68/005** (2013.01 - KR); **H04W 72/1273** (2013.01 - KR); **H04W 74/0833** (2013.01 - US); **H04W 76/12** (2018.01 - KR); **H04W 76/25** (2018.01 - KR); **H04W 76/27** (2018.01 - KR US); **H04W 8/26** (2013.01 - EP); **H04W 68/005** (2013.01 - EP); **H04W 74/0833** (2013.01 - EP); **H04W 76/19** (2018.01 - EP); **H04W 88/02** (2013.01 - EP); **H04W 88/08** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

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DOCDB simple family (application)

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